

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*In re* Application of:

Vaughan, et al.

Serial No.: 08/877,684

Filed: June 17, 1997

Title: Supported Late Transition Metal
Catalyst Systems§
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BEFORE THE EXAMINER:

James W. Pasterczyk

Group Art Unit No.: 1755

Attorney Docket No.: 96B035/2

Baytown, Texas

June 6, 2003

Assistant Commissioner for Patents and Trademarks
Washington, D.C. 20231**FAX RECEIVED**
JUN 09 2003
TC 1700**RESPONSE UNDER 37 C.F.R. § 1.116**

Sir:

In response to the Office Action mailed April 16, 2003, Applicant offers the following claim clarifications and remarks.

IN THE CLAIMS

Please amend the claims as follows. A marked-up version of the claims is attached in APPENDIX A: "CLAIMS MARKED-UP TO SHOW CHANGES MADE".

1. (Amended Six Times) A transition metal catalyst system for olefin polymerization comprising:
- D) a Group-9, -10 or -11 metal connected to a bidentate ligand represented by the formula:
- LMX, wherein:
- (a) M is a Group 9, 10 or 11 metal;
 - (b) L is a bidentate ligand defined by the formula: